

Maulika Sandipkumar Patel

M.E Computer Engineering (SPU), B.E Computer Engineering (DDIT)

Assistant Professor & Head

Department of Computer Engineering

G H Patel College of Engineering & Technology

Vallabh Vidyanagar – 388120

Gujarat, India

Personal Information

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Date of Birth : 10th July 1976
Nationality : Indian
Languages known : English, Gujarati, Hindi

Current Status

- Working as Assistant Professor & Head of the Computer Engineering Department, G H Patel College of Engg. & Tech., Vallabh Vidyanagar since 29th July, 08
- Recognized Post Graduate Teacher of S P University in Computer Engineering
- Associated in teaching Artificial Intelligence for M.E Computer Engineering, SPU
- PhD Student at Dharmsinh Desai University, Nadiad, Gujarat

Work Experience

- Worked as Assistant Professor in Information Technology Department, G H Patel College of Engg. & Tech., Vallabh Vidyanagar from 1st June 2005 till date
- Worked as Lecturer in Information Technology Department, G H Patel College of Engg. & Tech., Vallabh Vidyanagar from 2nd Aug '99 to 31st May 2005
- Worked as Adhoc Lecturer (Full Scale) at Dharmsinh Desai Institute of Technology, Nadiad from 13th July '98 to 18th July '99
- Worked as Adhoc Lecturer (Full Scale) at Birla Vishvakarma Mahavidyalaya, Vallabh Vidyanagar from 19th Jan '98 to 13th July '98
- Worked as Management Trainee at ACE Software Exports Ltd., Ahmedabad from 27th June '97 to 15th Jan '98
- Worked as a visiting professor for M.E Communication Engineering at G H Patel College of Engineering & Technology, Vallabh Vidyanagar

Publications**National**

- 1) "TCP Modifications to improve performance over wireless links" National Conference on Issues and Trends in Wireless Networks, 2004, Patiala (Published)
- 2) "Wavelet Based Feature Extraction of Digital Images" National

Conference on Emerging Trends in Computer Technology, 26th and 27th June 2008, SCET, Surat (Presented and Published)

International

- 1) "Recent developments in protein structure prediction using neural networks" IFIP International Conference in Bioinformatics, SVNIT, Surat, 25-28th March 2010.(Presented and published)
- 2) "Utilities for Efficient usage of Large biological databases", to be presented at the World Congress of Engineering & Computer Science, 2010(WCECS 2010), International Conference in Computational Biology, San Francisco, hosted at University of California, Berkeley.

Academic Details

- M.E. Computer Engineering from Sardar Patel University with a CPI of 7.87/10.0 (from 2002-2004)
- B.E Computer Engineering from Dharmsinh Desai Institute of Technology, Nadiad with First Class Distinction (from 1993-1997)

Subjects taught at Post graduate level

- Artificial Neural Networks
- Advanced Computer Networks

Frequently taught subjects

- Computer Networks, Compiler Design, Data Structures in C and C++, Object Oriented Programming in C++

Other subjects taught

- Advanced Computer Organization, Discrete Mathematics, Operating Systems, Introduction to Computer Technology, Simulation and Modeling

Technical Spheres of Interest

- Artificial Intelligence, Computational Biology, and Computer Algorithms

Short Term Courses Organized

- **Organized** an ISTE – AICTE **Sponsored** One Week STTP on "Cryptography and Security" in March 2007 for which a grant of Rs 65000/- was sought from AICTE

Workshops organized

- Organized a one day workshop on Ant Colony Optimization on 13th Sep 2007

Award of Exemplary Performance

Charutar Vidya Mandal awarded a certificate and a cash prize as an appreciation for the work as a teacher, researcher and student activity accelerator in March 2007

Administrative Responsibilities

- Currently working as the Head of the Department, Computer Engineering, G H Patel College of Engineering & Technology
The department comprises of 240 under graduate students, 15 Teaching faculty members and 5 supporting staff members.
- Worked as a Coordinator of the department from Jan 2006 to 28th July 2008.
- Served as Hostel Superintendent, GCET Girls Hostel for 1 year from June 2005- April 2006

Other Responsibilities

- Member of Counseling Core Committee of the Institute
- Member of Quality Assurance Cell of the Institute
- Member of Disciplinary committee of the Institute
- TPC member in, ICAC3 2011. International Conference on Computing, Communication and Control, Mumbai

Workshops/Seminars and Conferences Attended (Recent ones)

1. Two Days National Conference on Emerging Trends in Computer Technology, 26th and 27th June 2008, SCET, Surat
2. Three Days Workshop on Ontology, NLP, Personalization and IE/IR, Indian Institute of Technology- Bombay, Mumbai during 16th – 18th July 08.
3. One day Seminar on Engineering Optimization-A Tool for Research, 9th Sep 08, GCET, V V Nagar
4. One day Workshop on Research and Publications, 24th April 09, ADIT, New V V Nagar
5. Two days Workshop on Emerging Research Topics in Engineering, 24th and 25th July 09, DAICT, Gandhinagar
6. IFIP International Conference in Bioinformatics, SVNIT, Surat, 25-28th March 2010
7. Three days Workshop on “Bioinformatics tools for Protein Modeling and Drug Design” at the P G Computer Science Department, Sardar Patel University, Vallabh Vidyanagar, Sep 2010

Memberships

- Life Member of ISTE, LM 36970
- Member of Board of Studies, Computer Engineering, S P University
- IACSIT (International Association of Computer Science and Information Technology, Singapore) Member – Membership No: 80333239
- IAENG (International Association of Engineers) Member - Membership No: 103992

Maulika S Patel